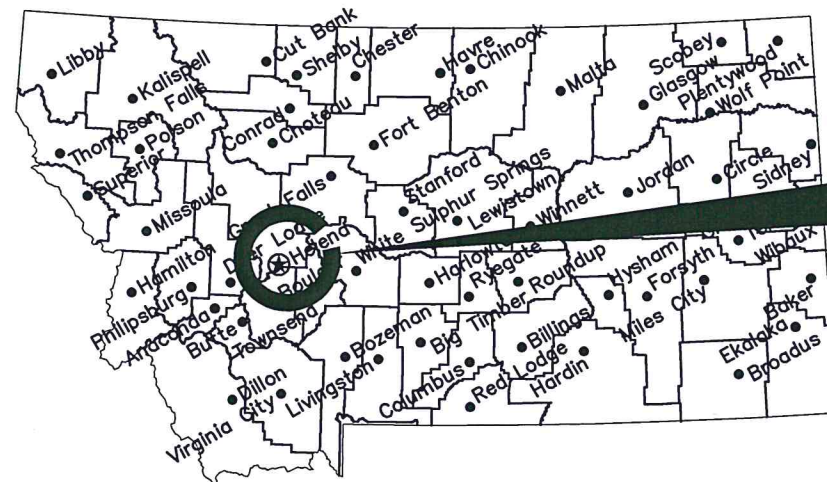


MONTANA FISH, WILDLIFE & PARKS

WOLF CREEK BRIDGE FISHING ACCESS SITE PARKING LOT IMPROVEMENTS

WOLF CREEK BRIDGE FAS

FWP #7153718



Project
Location

Location Map

No Scale



Project
Location

Vicinity Map

No Scale

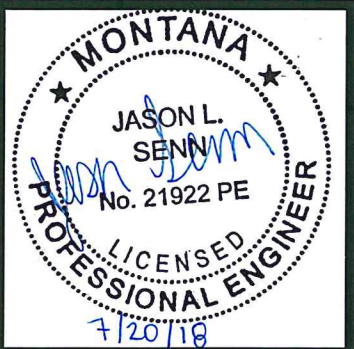


MONTANA FISH, WILDLIFE AND PARKS
DESIGN AND CONSTRUCTION

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DRAWING INDEX

Sheet Number	Sheet Title
1	TITLE SHEET
2	OVERALL SITE PLAN
3	GRADING PLAN
4	DETAILS
5	LATRINE INSTALLATION DETAILS



J. Senn 7/11/18
DRAWN BY: DATE:
P. Jagoda 7/12/18
CHECKED BY: DATE:

APPROVED BY: DATE:
APPROVED BY: DATE:

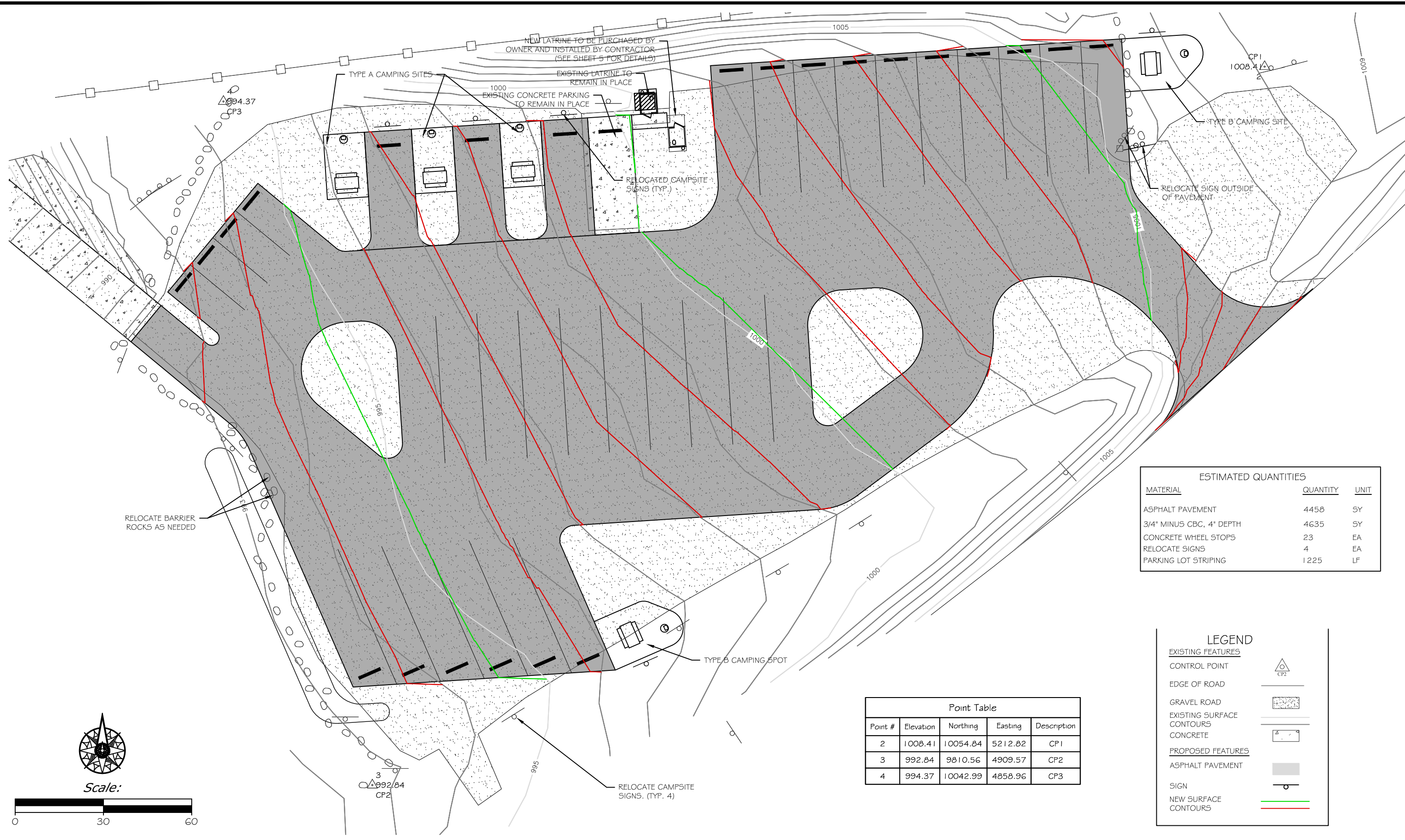
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MONTANA FISH,
WILDLIFE & PARKS

TITLE SHEET
WOLF CREEK BRIDGE FAS

SHEET: 1
of 5



ESTIMATED QUANTITIES		
MATERIAL	QUANTITY	UNIT
ASPHALT PAVEMENT	4458	SY
3/4" MINUS CBC, 4" DEPTH	4635	SY
CONCRETE WHEEL STOPS	23	EA
RELOCATE SIGNS	4	EA
PARKING LOT STRIPING	1225	LF

Point Table				
Point #	Elevation	Northing	Easting	Description
2	1008.41	10054.84	5212.82	CP1
3	992.84	9810.56	4909.57	CP2
4	994.37	10042.99	4858.96	CP3

LEGEND

EXISTING FEATURES

CONTROL POINT

EDGE OF ROAD

GRAVEL ROAD

EXISTING SURFACE CONTOURS

CONCRETE

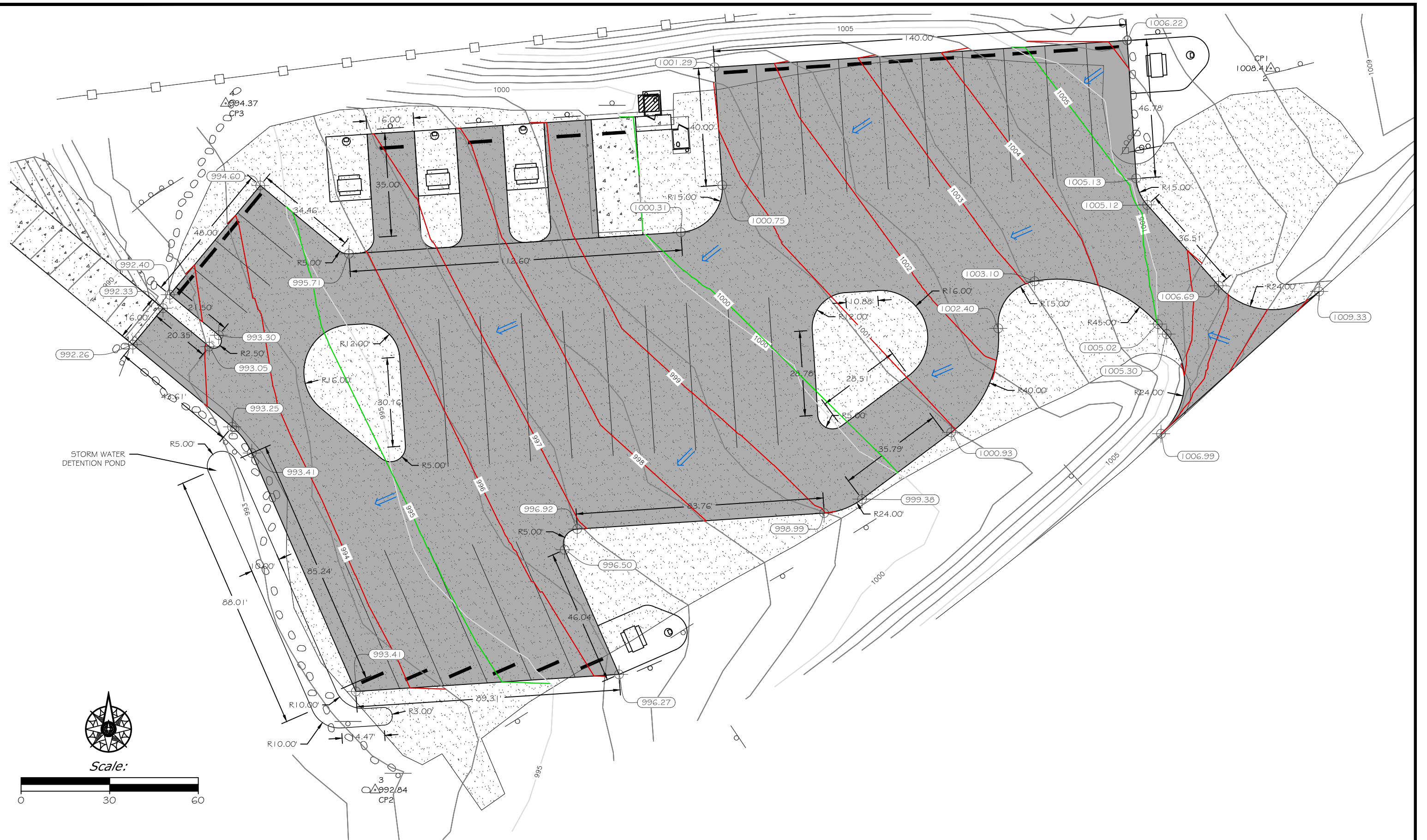
PROPOSED FEATURES

ASPHALT PAVEMENT

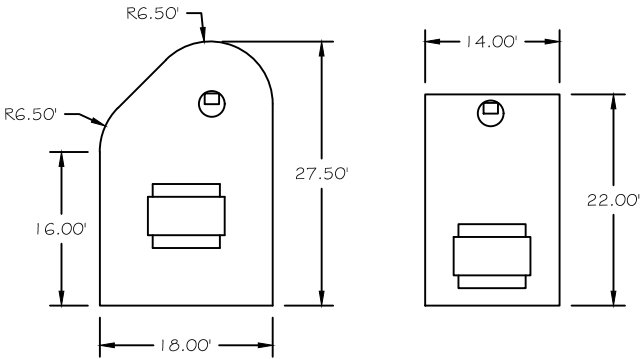
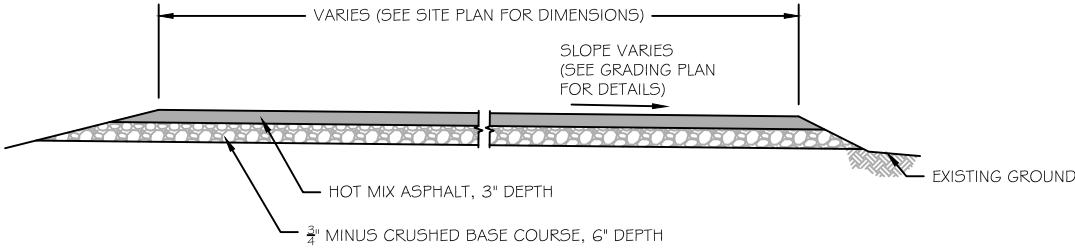
SIGN

NEW SURFACE CONTOURS

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P. Jagoda	7/12/18				
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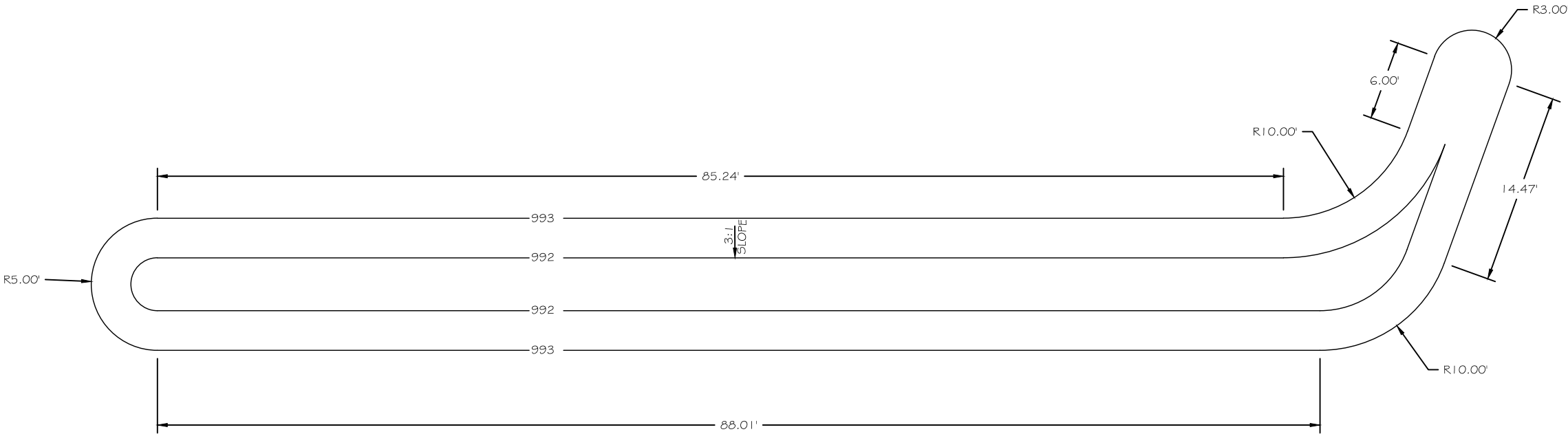
TYPICAL ASPHALT SECTION
(Not to Scale)



CAMP UNITS

GRAVEL PAD LIVING SPACE
(Scale: 1"=10')

- NOTES:
1. PLACE AND COMPACT 4" OF 3/4" MINUS CRUSHED BASE COURSE.
 2. OWNER WILL LOCATE AND STAKE PERIMETER OF EACH LIVING SPACE.
 3. PICNIC TABLES AND FIRE RINGS INSTALLED BY OWNER.
 4. CLEARING/GRUBBING/EXCAVATION/EMANKMENT INCIDENTAL FOR EACH UNIT PRICE.



STORM WATER DETENTION POND DETAIL
(Not to Scale)

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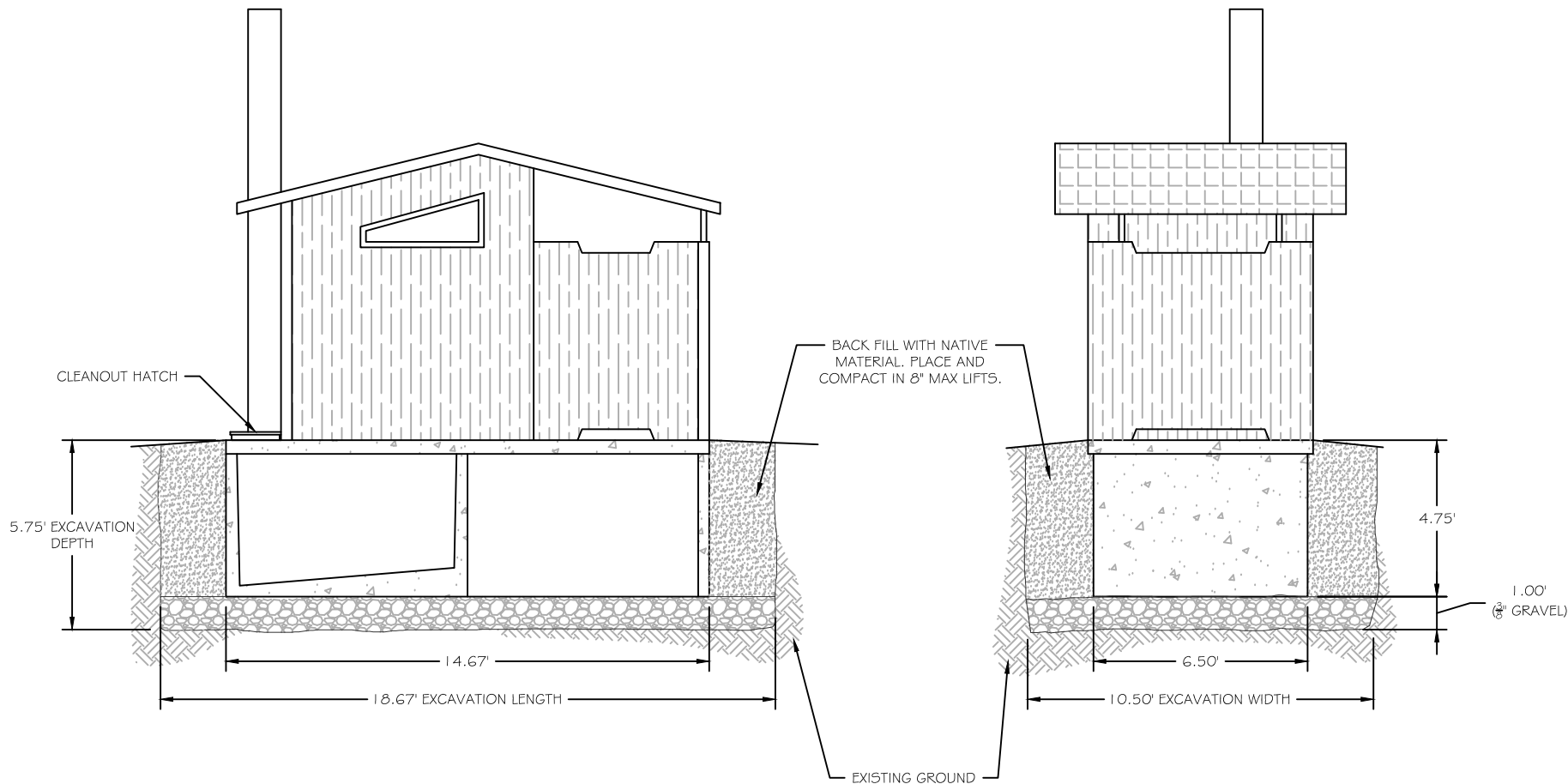


**MONTANA FISH,
WILDLIFE & PARKS**

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DETAILS
WOLF CREEK BRIDGE FAS

SHEET: 4
of 5



GENERAL

THE LATRINE WILL BE PURCHASED AND DELIVERED TO THE SITE BY OWNER.

INSTALLATION

GENERAL INSTALLATION INVOLVES EXCAVATION, LEVELING BOTTOM OF HOLE WITH DRAIN AGGREGATE, INSTALLING LATRINE, BACKFILLING AROUND LATRINE AND LANDSCAPING.

EXCAVATION

A. EXCAVATE SUBSOIL TO A POINT 12 INCHES DEEPER THAN REQUIRED FOR LATRINE INSTALLATION.

1. DEPTH OF EXCAVATION IS 5.75' FOR THE PRECAST LATRINES MANUFACTURED BY MISSOULA CONCRETE.

2. FINISH FLOOR ELEVATION IS SHOWN ON THE SITE PLAN.

B. MINIMIZE OVER EXCAVATION. STOCKPILE EXCAVATED MATERIAL FOR LATER BACKFILLING AND LANDSCAPING.

C. COMPACT BOTTOM OF HOLE WITH THREE PASSES OF WHACKER OR SKID PLATE COMPACTION DEVICE.

LEVELING

A. USE SMALL GRAVEL, 3/8 INCH MINUS CRUSHED OR SCREENED GRAVEL, AND PLACE ENOUGH IN BOTTOM OF HOLE SUCH THAT WHEN COMPACTED, IT WILL BE 12 INCHES DEEP.

B. COMPACT LEVELING MATERIAL WITH THREE PASSES OF COMPACTION DEVICE.

C. LEVEL BASE FOR INSTALLATION OF LATRINE.

LATRINE INSTALLATION

A. THE PRECAST LATRINE WILL BE SET BY THE SUPPLIER.

B. INSURE THAT LATRINE SITS LEVEL AND PLUMB WHEN DONE INSTALLING.

BACKFILLING

A. PLACE IN SUCCESSIVE 8 INCH LAYERS MATERIAL PREVIOUSLY EXCAVATED FROM HOLE AND COMPACT.

1. REMOVE ROCKS LARGER THAN 6 INCHES IN DIAMETER FROM THE FILL.

2. REMOVE BRANCHES, ROOTS AND OTHER OR ORGANIC DEBRIS IN FILL.

LANDSCAPING

A. SLOPE GRADE AWAY FROM LATRINE.

B. BLEND FILL SLOPE INTO SURROUNDING TERRAIN.

C. REMOVE SURPLUS FILL MATERIAL.

D. REMOVE SOIL TO A DEPTH OF 2 INCHES BENEATH LOCATION FOR ENTRANCE SLAB AND COMPACT.

E. PLACE TWO INCHES OF 3/4 INCH PEA GRAVEL FOR BEDDING, LEVEL AND COMPACT.

J. Senn 7/11/18
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APPROVED BY: DATE:

APPROVED BY: DATE:
APPROVED BY: DATE:



**MONTANA FISH,
WILDLIFE & PARKS**

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LATRINE INSTALLATION DETAILS
WOLF CREEK BRIDGE FAS

SHEET: 5 of 5